

Rimac

Automotive Mechanics' Tools

FLEXSTONE • HEXSET TAPS AND DIES • TWIST DRILLS
WIRE BRUSHES • BRAKE TOOLS • RING COMPRESSORS
COMPRESSION GAUGES • VACUUM GAUGES • MUFFLER
TOOLS • DISTRIBUTOR TOOLS • VALVE SPRING TESTER
AND NUMEROUS OTHER INTERESTING SPECIAL TOOLS

Catalogue

C

R

INCK-McILWAINE, INC.

16 HUDSON STREET, NEW YORK, N. Y.

Rimac

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RINCK-McILWAINE, Inc.

16 HUDSON STREET, NEW YORK, N. Y.

Cable Address: RIMAC, N. Y.



Flex-Stone

REG. U.S. PAT OFF

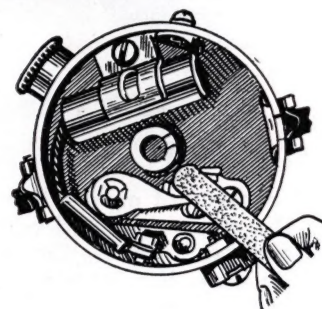
CONTACT POINT DRESSES

Contact points are hard! It takes a stone to dress them down, but an ordinary stone is too thick and too brittle.

FLEXSTONE is a non-conductor, you can dress a commutator, motor running. It will not short circuit. Try FLEXSTONE just once, and you'll keep using it.

Made of the hardest of abrasive materials pressed into a flexible core, RIMAC FLEXSTONE does not merely remove carbon, it smoothes down the hardest of Tungsten or Platinum Iridium.

You can bend it! You can twist it! It will not break off. And so you can put it into the awkward little corners where files or other tools can't go!



- Bends In Where Files Can't Go
- Takes the Hardest of Tungsten Contact Points

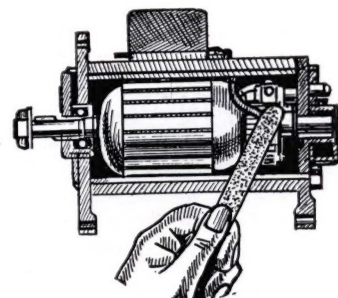
MADE IN RIMAC - FLEXSTONE PAT. NO.
U. S. A. N. Y. "REG. U.S. PAT. OFF." 2105915

No. 1 Standard For Distributors & Commutators

4 1/4 x 3/8 x .040 grit 80 Boxed Per Doz.
Carded Per Doz.

No. 2 Extra Thin For Voltage Regulators

4 1/4 x 3/8 x .025 grit 120 Boxed Per Doz.
Carded Per Doz.



- Cleans Generator and Starting Motor Commutators
- Does Not Short Circuit

No. 4 Thin & Narrow For Soft Points

4 1/4 x 1/4 x .025 grit 120 Boxed Per Doz.

No. 4

No. 4 has inch clear plastic for cleaning after abrasive action. Recommended for elevator service, electronic instruments, etc.

DUOFLEX POCKET STONE

Du-o-flex, a pocket stone made of artificial abrasives—so hard you can dress glass with it—yet flexible! A stone that bends! With it you can smooth curved surfaces of wood, metal, glass, plastics. Coarse on one side for rough dress. Fine on the other for finishing.

MADE IN Du - O - flex PAT. NO.
U. S. A. POCKET STONE 2105915
RINCK McILWAINE Inc. NEW YORK, N. Y.

Specifications: 4 1/4" x 7/8" x 1/16"
Grits 80 and 180

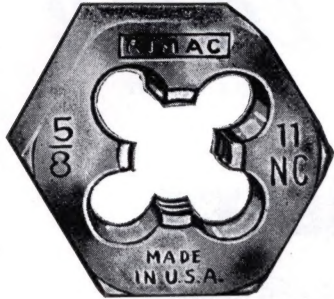
No. 3—Boxed Per Doz. No. 3—Carded Per Doz.
Wt. box 3 oz. Wt. card 6 oz.

RINCK-McILWAINE, Inc.

16 HUDSON STREET, NEW YORK, N. Y.

Cable Address: RIMAC, N. Y.

Rimac Hexset TAPS and DIES



All Rimac Dies are HEX. For two sound reasons. First speed and convenience in fitting die to die stock. Second to enable you to do Rethreading operations on the car in close quarters where you can't swing a die stock at all! You can use Rimac Hexset dies with end wrench or socket wrench.

Hexset No. 77

1/4 to 1/2 in. coarse and fine. All dies 1" Hex O.D.

This set consists of eleven taps and eleven dies, a 9" Hex Die stock equipped with guides for starting new threads, a T handle Tap Wrench, No. 50, with removable cross bar, squared 3/8 opening at top to fit midget wrench handles or ratchet extensions. There are five sizes in NC (USS) taps and dies, five sizes in NF (SAE) and, very handy in every garage, a 1/8 pipe tap and die.

All in solid wood container.

No. 77

CONTENTS

1 Tap Wrench, No. 50, 1 9" Hex Die Stock,
11 Taper Taps, 11 Hex Dies.



SIZES

U.S.S. — 1/4 x 20 — 5/16 x 18 — 3/8 x 16 — 7/16 x 14 — 1/2 x 13
S.A.E. — 1/4 x 28 — 5/16 x 24 — 3/8 x 24 — 7/16 x 20 — 1/2 x 20
1/8 Pipe Thread — Shipping Weight—5 lbs.

Hexset No. 78

1/2 to 3/4 inches Coarse and Fine

All dies 1-7/16 Hex O.D.

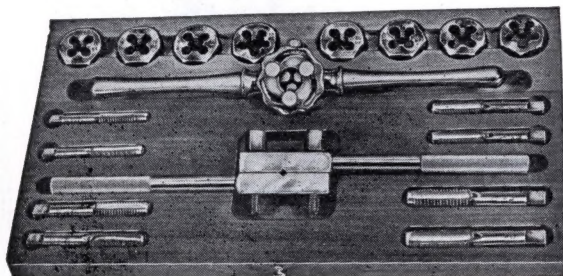
This set contains four sizes of taps and Hex dies in both NC (USS) and NF (SAE) a 14" Hex die stock with guides for starting new threads, a 16" tap and reamer wrench. Dies are 1-7/16 outside diameter. Die stock takes these and handles all 1 1/2 round dies as well. Solid wood container.

Shipping Weight—9 1/2 Lbs.
SIZES

8 Taps and 8 Dies in following sizes:

NF 1/2 x 20 — 9/16 x 18 — 5/8 x 18 — 3/4 x 16
NC 1/2 x 13 — 9/16 x 12 — 5/8 x 11 — 3/4 x 10

No. 78



Hexset No. 73

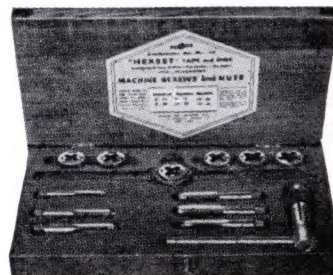
Screw Machine Sizes

This neat, compact little outfit takes care of the rank and file of machine screws and nuts in Automobile use.

All dies have 5/8 hex outside diameter. Set includes Sliding T Handle Tap Wrench: 6" Hex Die Stock; and six taps and dies of following sizes:

In compact solid wood container
4-36, 6-32, 8-32, 10-32, 10-24, 12-24

Shipping Weight — 1 lb.



No. 73

RINCK-McILWAINE, Inc.

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Rimac

HEXSET NO. 777

*Tool Set
of the Year!*

A combination of sets No. 77 and 73 with added items. All contained in new durable polyethylene case, lighter and stronger than wood.

CONTENTS

17 TAPS — 17 DIES

USS (NC) $\frac{1}{4}$ x20, 5/16x18, $\frac{3}{8}$ x16, 7/16x14, $\frac{1}{2}$ x20

SAE (NF) $\frac{1}{4}$ x28, 5/16x24, $\frac{3}{8}$ x24, 7/16x20, $\frac{1}{2}$ x20

$\frac{1}{8}$ Pipe Thread.

Six Screw Machine Sizes 4x36, 6x32, 8x32, 10x32, 10x24, 12x24

TWO DIE STOCKS

#75 Length 9" 1" Hex Across Flats. Adjustable guides.

#74 Length 6" $\frac{5}{8}$ " Hex Across Flats.

THREE TAP WRENCHES

#72 Length 9" Overall, Full Range 4x36 to $\frac{1}{2}$ ".

#50 T Handle, $\frac{3}{8}$ " to $\frac{1}{2}$ ". Hex Chuck Nut. $\frac{3}{8}$ " squared opening for extension wrench or ratchet.

#31 Small T Handle for screw machine sizes.

Thread Gauge, Screw Driver
Polyethylene Plastic Box

No. 777



**ALL DIES
HEX
of course!**

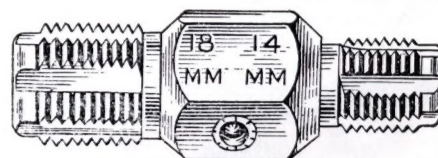
Thread Gauge



Thirteen Blade Thread Gauge for quickly finding number of threads per inch.

No. 79

Spark Plug Opening Chaser



Cleans threads of carbon corrosion or metal. A combination of 18MM and 14MM. Chaser takes care of practically all present day cars.

13/16 hex has ball and spring to hold it firmly in deepwall Spark Plug Wrench. Pilot on each end guides tool into threads. Wt. 4 oz.

No. S.P.-I

RINCK-McILWAINE, Inc.

16 HUDSON STREET, NEW YORK, N. Y.

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Rimac

SPARK PLUG Taps Reamers Holder-Guide

Contents

10 MM Tap.....
14 MM Tap.....
18 MM Tap.....
7/8 Tap.....
14 MM Reamer.....
18 MM Reamer.....
7/8 Reamer.....
55 Holder.....
56 Guide.....
Mahogany Box.....



Complete SET No. 70

With this outfit you are prepared for any and all forms of difficulties with Spark Plug openings.

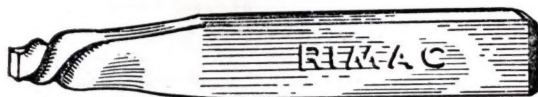
And you know how common they are, particularly since the development in popularity of the Aluminum Head!

Crossed or mashed threads, or completely stripped threads! If the trouble is just a slightly damaged thread, often simple rethreading with proper tap and convenient holder is necessary. If thread is completely stripped it will be necessary to enlarge opening, tap it to take next larger size Spark Plug — or to take a bushing to retain same size plug.

A SPECIAL FEATURE of this Outfit is the Guide — for reamers and taps, which insures a perfectly aligned job. Use this and you KNOW you're cutting true. Without it you can't be sure! The long T handle Holder fitting all four taps and all three reamers is also invaluable. It clears all obstructions.

No. 70 — Set.....Wt. 4 1/2 lbs.....

RUGGED TWIST SCREW EXTRACTORS

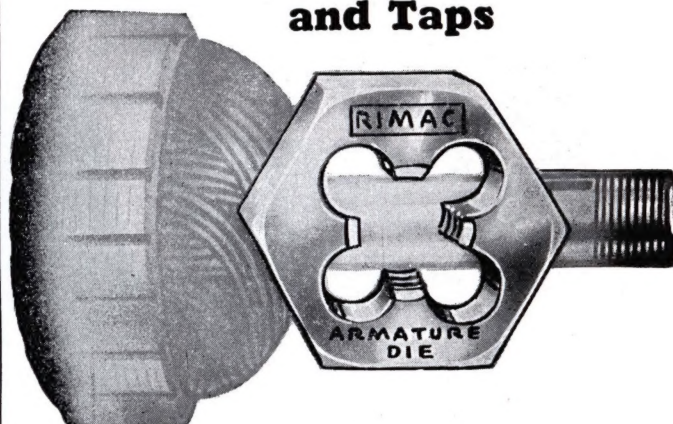


This hand forged method of making a screw extractor retains the original "grain" of the alloy steel throughout the twist thus affording a tougher, harder tool than the conventional method of carving spiral flutes which cross the grain.

	Takes Drill Diameter	Use Drill	Depth	
No. E1	1/4 to 5/16	5/32	3/16	.....
No. E2	5/16 to 3/8	3/16	3/16	.....
No. E3	3/8 to 7/16	1/4	1/4	.....
No. E4	7/16 to 1/2	5/16	1/4	.....

Set EE, four sizes Nos. E1, E2, E3, E4 in strong cardboard box.....Wt. 6 Oz.....

ARMATURE RETHREADING DIES and Taps



For Autolite and Delco Remy

These Hex Dies are found very convenient for restoring threads of Starter and Generator Armatures that have been damaged in the process of removing gears and pulleys.

Putting dies in vise and turning armature does a better job more readily than using a die stock.

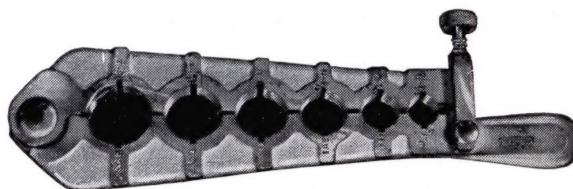
No. 15—Die, .665 x 20 for Autolite—Wt. 2 oz.....

No. 15T—Tap, .665 x 20 for Autolite—Wt. 2 oz.....

No. 17—Die, 1/2x20 for Delco Remy—Wt. 2 oz.....

No. 17T—Tap, 1/2x20 for Delco Remy—Wt. 2 oz.....

AXLE RETHREADER



For battered threads on axles and propeller shafts. Takes S.A.E. (N.F.) Thread sizes in 5/8, 3/4, 7/8, 1", 1 1/8 and 1 1/4. Weight 3 lbs.

No. 71—Axle Rethreader.....

TAPERED REAMERS



For enlarging holes to desired size. For removing burrs. Starting Taps. Very helpful in installing wires, radios, heaters, instruments.

Made from Forgings, Deep Fluted. A full half inch on the smaller so that opening will take a 1/2 bolt. And a full inch on the larger.

Wt. 4 oz.

No. 46—1/8 to 1/2.....

No. 47—7/16 to 1".....

Wt. 1 lb.

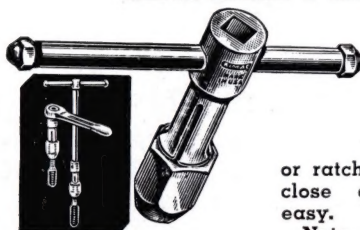
RINCK-McILWAINE, Inc.

16 HUDSON STREET, NEW YORK, N. Y.

Cable Address: RIMAC, N. Y.

Rimac

"Universal" Tap Wrench Squared Opening In Head REMOVABLE T HANDLE



The squared opening ($\frac{3}{8}$ " in head fits standard "midget" or "pony" wrench set handles, extensions or ratchets. Makes work in close congested quarters easy.

Note hex chuck nut for tightening down on tap heads. Helps you get a good grip on the larger taps as well.

Range $\frac{3}{8}$ " to $\frac{1}{2}$ ".

No. 50 Wt. 6 Oz.



Tap Holders with Sliding T Handle

Round chuck nut

Chuck
Range
Size

No. 31 $\frac{3}{16}$ Wt. 2 oz.
No. 32 $\frac{1}{4}$ Wt. 4 oz.
No. 33 $\frac{5}{16}$ Wt. 7 oz.

Tap and Reamer Wrenches



Capacity 4x36 to $\frac{1}{2}$ ". Taps incl. Overall 9". Hardened Jaws. Polished Nickel Finish. Can be taken apart for cleaning.

No. 72 Wt. 7 Oz.



Capacity $\frac{1}{4}$ " to 1". Overall Length 16".
Diameter Handles $\frac{5}{8}$ ". Weight 2 lbs.

No. 60—Cadmium finish Wt. 2 lbs.

DIE STOCKS

Take both Rimac Hex and common round.



Die Size	Length	Wt.
No. 74—Plain $\frac{5}{8}$ " hex or round	6"	4 oz.
No. 75—1" O.D. hex or round	9"	8 oz.
With adjustable guides		
No. 76—1-7/16" hex or 1 1/2" round	14"	1 1/4 lb.
With adjustable guides		

Rimac Taps and Hex Dies MACHINE SCREW STANDARD

Screw Gauge No.	No. Threads per in.	Tap Drill No.	Taps	Dies 5/8 O.D. across flat
4	36	44	.....	.....
6	32	35	.....	.....
8	32	29	.....	.....
10	32	21	.....	.....
10	24	25	.....	.....
12	24	16	.....	.....

U.S.S.(NC) S.A.E.(NF) STANDARD

Dia.	Thread	Fractional Size Tap Drill	Thread	Fractional Size Tap Drill	Taps	Dies 1" O.D.
1/4	20	13/64	28	7/32	.....	.....
5/16	18	17/64	24	9/32	.....	.....
3/8	16	5/16	24	21/64	.....	.....
7/16	14	3/8	20	25/64	.....	.....
1/2	13	27/64	20	29/64	.....	.....
Dia.	Thread	Fractional Size Tap Drill	Thread	Fractional Size Tap Drill	Taps	Dies 1-7/16 O.D.
1/2	13	27/64	20	29/64	.....	.....
9/16	12	31/64	18	33/64	.....	.....
5/8	11	17/32	18	37/64	.....	.....
3/4	10	21/32	16	11/16	.....	.....

PIPE TAPS AND DIES

Dia.	Thread	Fractional Size Tap Drill	Taps	Dies
1/8	27	21/64	.....	.....
1/4	18	7/16	.....	.....
3/8	18	37/64	.....	.....
1/2	14	23/32	.....	.....

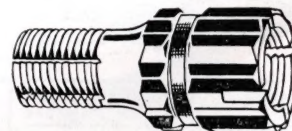
SPARK PLUG TAPS AND REAMERS

	Taps	Reamers
10 MM
14 MM
18 MM
7/8 x 18

Combination Tap & Die Chasers

Readily rethreads crossed or damaged threads. Usually operated by hand, but when necessary fits standard sockets or box wrenches.

The RIMAC set of three allows you to service practically all fittings in automotive fuel, oil and hydraulic lines.



For Inverted
Flared Fittings

$\frac{3}{8}$ x24 for 3/16 tube size No. 1F-5
7/16x24 for 1/4 tube size No. 1F-6
1/2x20 for 5/16 tube size No. 1F-9
Set of 3 Wt. 4 oz. No. 1F-3

For 1/8 P. Threads

Similar Combination Rethreader $\frac{1}{8}$ x 27

No. P-1

RINCK-McILWAINE, Inc.

16 HUDSON STREET, NEW YORK, N. Y.

Cable Address: RIMAC, N. Y.



Rimac

HIGH SPEED STEEL DRILL SETS

POPULAR POCKET SET NO. HS-13

Contains one each size drill, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 11/64, 3/16, 13/64, 7/32, 15/64, and 1/4".

Packed in an attractive, lightweight, unbreakable polyethylene case, every drill is instantly accessible and held firmly in place. Ideal for carrying as the smooth, rounded edges will not tear or wear through pockets. Hinge and Clasp are built into case and are practically indestructible. Wt. 6 oz.

No. HS-13

RIMAC High Speed Jobbers' Length Drills are also packed in metal drill indexes in the following two assortments.

SET NO. HS-15

Holds 15 drills ranging from sizes 1/16" to 1/2" by 32nds. and is packed in the same index as set No. 29. Wt. 3 lbs.

No. HS-15

SET NO. HS-29

Holds 29 drills with a range from 1/16" to 1/2" by 64ths. 4 lbs.

No. HS-29

HIGH SPEED STEEL DRILLS

Precision ground tempered and hardened. Full "jobber length." Twenty nine popular fractional sizes needed in automotive service work. From 1/16" to 1/2" inclusive.

DRILL SIZES

Diameter Inches	Decimal Equivalent	Length, Inches	Diameter Inches	Decimal Equivalent	Length, Inches	Diameter Inches	Decimal Equivalent	Length, Inches	Diameter Inches	Decimal Equivalent	Length, Inches
1/16	.0625	1 7/8	11/64	.1718	3 1/4	9/32	.2812	4 1/4	25/64	.3906	5 1/8
5/64	.0781	2	3/16	.1875	3 1/2	19/64	.2968	4 3/8	13/32	.4062	5 1/4
3/32	.0937	2 1/4	13/64	.2031	3 5/8	5/16	.3125	4 1/2	27/64	.4218	5 3/8
7/64	.1093	2 5/8	7/32	.2187	3 3/4	21/64	.3281	4 5/8	7/16	.4375	5 1/2
1/8	.125	2 3/4	15/64	.2343	3 7/8	11/32	.3437	4 3/4	29/64	.4531	5 5/8
9/64	.1406	2 7/8	1/4	.25	4	23/64	.3593	4 7/8	15/32	.4687	5 3/4
5/32	.1562	3 1/8	17/64	.2656	4 1/8	3/8	.375	4	31/64	.4843	5 7/8
									1/2	.5	6

Standard Package sizes 1/16" to 1/4" incl. 12 to envelope. 17/64" to 1/2" incl. 6 to envelope.

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16 HUDSON STREET, NEW YORK, N. Y.

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Wire Wheel Brushes

"HEAVY DUTY"



"Heavy Duty" Wire Wheel Brushes are especially designed for the garage, tire and body repair trade. Made of extra heavy crimped steel wire, they have no equal for general cleaning, in preparing tire casing for rethreading, roughening inner tubes, removing paint and rust. Interchangeable Arbor Hole Adapters make it possible to use them on shafts or arbors of varying diameters.

No.	Dia.	Width Approx.	Wire Size	Ship Wgt. Approx.
B-24	4"	1"	.014	3/4 lb.
B-26	6"	1 1/8"	.014	1 3/4 lbs.
BB-27	7"	1 1/2"	.014	2 1/4 lbs.
B-28	8"	1 1/2"	.020*	2 1/4 lbs.
B-30	10"	2"	.020*	4 1/4 lbs.

Packed one in a carton, complete with one pair of Arbor Hole Adapters.

*Can be supplied with .014 wire size on request.

"STANDARD"

These Brushes are narrower and lighter in weight than the Heavy Duty, otherwise similar in construction and made from the same high grade material.

	Dia.	Width Approx.	Wire Size	Ship Wgt. Approx.
A-24	4"	3/4"	.014	1/2 lb.
A-26	6"	3/4"	.014	1 1/8 lbs.
AA-27	7"	1"	.014	1 1/4 lbs.
A-28	8"	7/8"	.020*	1 1/2 lbs.
A-30	10"	1"	.020*	2 1/8 lbs.

Packed one in a carton, complete with one pair of Arbor Hole Adapters.

NOTE: Unless otherwise specified "Heavy Duty" and "Standard" Brushes will be supplied with 1/2" Arbor Hole Adapters. Additional Arbor Hole Adapters in sizes ranging from 1/4" to 1 3/4" are available at 20c per pair.

*Can be supplied with .014 wire size on request.

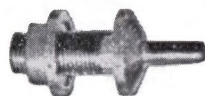


"Spiral Twist" BRUSH SECTIONS

For the exceptionally tough jobs. Removing hardening scale, hard carbon, paint, enamel, burrs. For stripping rubber. For smoothing welds.

	Diam.	Width of Face	Size Wire	Wt.
E-26	6"	7/8"	.011	1 1/2 lbs.
E-28	8"	1"	.014	2 1/4 lbs.
E-30	10"	1 1/4"	.016	4 lbs.

Unless otherwise specified, furnished with 1/2" arbor hole.



No. 62 Arbor

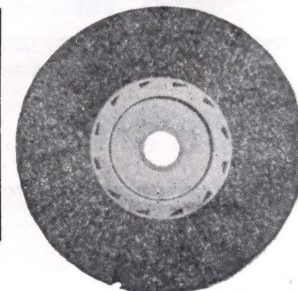
For use with Wire Wheel Brushes and grinding wheels having a 1/2" Arbor Hole and not over 4" in diameter. Arbor shanks fit 1/4" chuck.

"HUDSON" SECTIONS

Each section is a complete unit and can be used separately or a number of sections can be built to any desired width of face. No Hub needed.

RUGGED					FINE				
For Heavy Duty Brushing and Cleaning					For Finishing, Polishing, Buffing, Softer Metals, Tire Tubes				
No.	Dia.	Width Approx.	Wire Size		No.	Dia.	Width Approx.	Wire Size	
C-24	4"	3/8"	.014	----	D-24	4"	3/8"	.006	----
C-26	6"	3/8"	.014	----	D-26	6"	3/8"	.006	----
C-28	8"	3/8"	.014	----	D-28	8"	3/8"	.006	----

Unless otherwise specified, furnished with 1/2" arbor hole.



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16 HUDSON STREET, NEW YORK, N. Y.

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Rimac

Rotary Wire Brushes for use with Electric Brushes

A high standard of quality is required for the steady punishing work demanded of these wire brush tools. B1 is made of straight black tempered wire. B3, B4, B5 are made of highest grade of crimped music wire. B2 is "Cable Twist." Unusually durable and effective.



B1



B2

CABLE TWIST



B3



B4



B5

Overall Hgt. 2 1/8"
Length Bristle 1"
Diam. Bristle 1"
Wire Size .028

Overall Hgt. 3"
Lgth. Bristle 1-1/16"
Diam. Bristle 1 1/4"
Wire Size .020

Overall Hgt. 2 1/2"
Length Bristle 1 1/8"
Diam. Bristle 1 1/8"
Wire Size .020

Overall Hgt. 2 3/4"
Length Bristle 1 1/4"
Diam. Bristle 7/8"
Wire Size .020

Hgt. 2"
Wheel Diam. 1 1/2"
Wire Size .020

Tire Roughening Brush

Used with 1/2"
Electric Drill
Hollow cup shape.
Outside Diameter 1 1/2"
Wire Gauge 0118
Weight 2 oz.



B-6



VALVE GUIDE BRUSHES

INTERCHANGEABLE

One handle takes all sizes. Solid steel shank with comfortable wood handle at top, sufficiently long so that your knuckles will not rub projecting studs.

ECONOMICAL

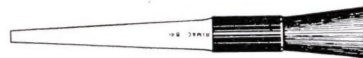
You can get just the sizes you need, and all the sizes you need. Four sizes handle 90% of passenger cars and light trucks.

Brushes Complete with Handle	Brushes Only	Size
HB100.....	B100	5/16
HB110.....	B110	11/32
HB120.....	B120	3/8
HB140.....	B140	7/16
HB160.....	B160	1/2
HB180.....	B180	9/16
HB190.....	B190	19/32
HB320.....	B320	1-1/32

Any Brush without Handle
Any Brush complete with Handle
Handle only
Set HB4 — 1 Handle, 1 each B100, B110, B120, B320 Wt. 5 oz.



Parts Cleaning Brushes



B-41—Pig bristle and horse-hair set in rubber. Fibre Ferrule. Will not collapse in water, oil or gasoline.

Price



B-42—Vegetable fibre, metal ferrule, wood handle.

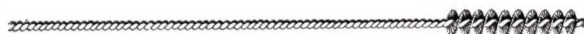
Price



B-43—Extra heavy Nylon bristle. Heavy metal ferrule.

Price

Crankshaft Oil Hole Brush



Crankshaft port cleaners for removing chips, carbon or gum on reground crankshafts. Used either with drill or by hand. Order by diameter.

Overall length 8"
5 sizes 3/16", 1/4", 5/16", 3/8", 7/16"
Any of above sizes.

B-60

RINCK-McILWAINE, Inc.

16 HUDSON STREET, NEW YORK, N. Y.

Cable Address: RIMAC, N. Y.

Rimac

STEEL WIRE HAND SCRATCH BRUSHES

Rugged, serviceable hand cleaning brushes, indispensable to the garage trade for removing carbon, paint, rust, grease, dirt and mud. Made in two types as illustrated.



No. B-57

Hard wood shoe handle. Total length 10". Brush Part 5". Wire length 1 1/4". Four rows. Weight 6 ozs. Packed one dozen in a box.

B57



No. B-56

Hard wood handle. Total length 14 inches. Length Brush Part 6 inches. Three rows. Wire length 1 1/4". Weight 6 ozs. Packed one dozen to the box.

B56

No. B-55 Muck Brush, Metal Handle



Steel wire bristles 2" x 2 3/4". Length overall 8 3/4". For close quarter work on axles, cylinder heads, etc. Excellent for cleaning small parts.

B55 Wt. 5 oz.....

Radiator Core Brush



For cleaning tubes, radiator cores, etc. Natural hair bristle. Brush part 2" x 3/8" diameter. Overall length 8 1/4".

No. B86—Core Brush..... Wt. gross 3 lbs.....



Distributor Head Contact Point Dresser

Quickly cleans and removes dirt or corrosion from contact points within distributor head. Fine wire circular brush with comfortable wood handle makes and inconvenient job easy. "Takes" all sizes.

No. B-27 Wt. 3 oz.....

No. B-88 "Utility" Wire Brushes



A very handy little brush for cleaning the hard-to-get-at places. Ideal for cleaning battery terminals and removing solder, chips, filings, etc. Overall length 5 1/2". Wire length 1 1/2".

B88 Wt. 1 oz. 1 1/2 lbs.....

No. B-87 Acid Brushes



A well made, but inexpensive, brush for applying soldering acid. Body and radiator repair shops will appreciate the uniform fill and quality of bristle. Length overall 6".

B87 Wt. gr. 2 1/4 lbs.....

Distributor Head Socket Brush

This Tool quickly cleans and dresses distributor head sockets.

Just push it in and turn!

See the rust, dirt and corrosion come out!

Fits 95% of Heads now in use.

B29 Wt. 2 oz.....



RINCK-McILWAINE, Inc.

16 HUDSON STREET, NEW YORK, N. Y.

Cable Address: RIMAC, N. Y.

PAGE 9

Rimac Work Inspection Mirrors

Copper backed. Clear view. All angle Ball joints. Fold and fit pockets.

No. 91 Oval Mirror 1" x 2". Plated mirror case.
Overall dimension 8½". Chrome plated steel handle.

No. 92 Circular Mirror 2¼" diameter. Plated mirror case.
Plated telescopic steel and brass handle. Overall dimension 14" extended.

No. 93 Rectangular Mirror 2⅛" x 3½". Plated mirror case.
Plated telescopic steel and brass handle. Overall dimension extended 15".



No. 91 No. 92 No. 93



Distributor Tools

HEX WRENCHES (⅛")

For adjusting contact points on Delco Remy distributor late model General Motor and other V-8 engines. Four Sizes.

No.	Length
131.....	1"
133.....	3"
134.....	4"
137.....	7"



Carburetor Attachment

"Little Sputnik". Converts any Distributor Wrench into Carburetor Adjuster.

Consists of hooded screw driver to avoid slipping. Broached ⅛" hex in rear to fit all Distributor Tools. Spring affords firm grip on wrench.

No. 500-A

RINCK-McILWAINE, Inc.

16 HUDSON STREET, NEW YORK, N. Y.

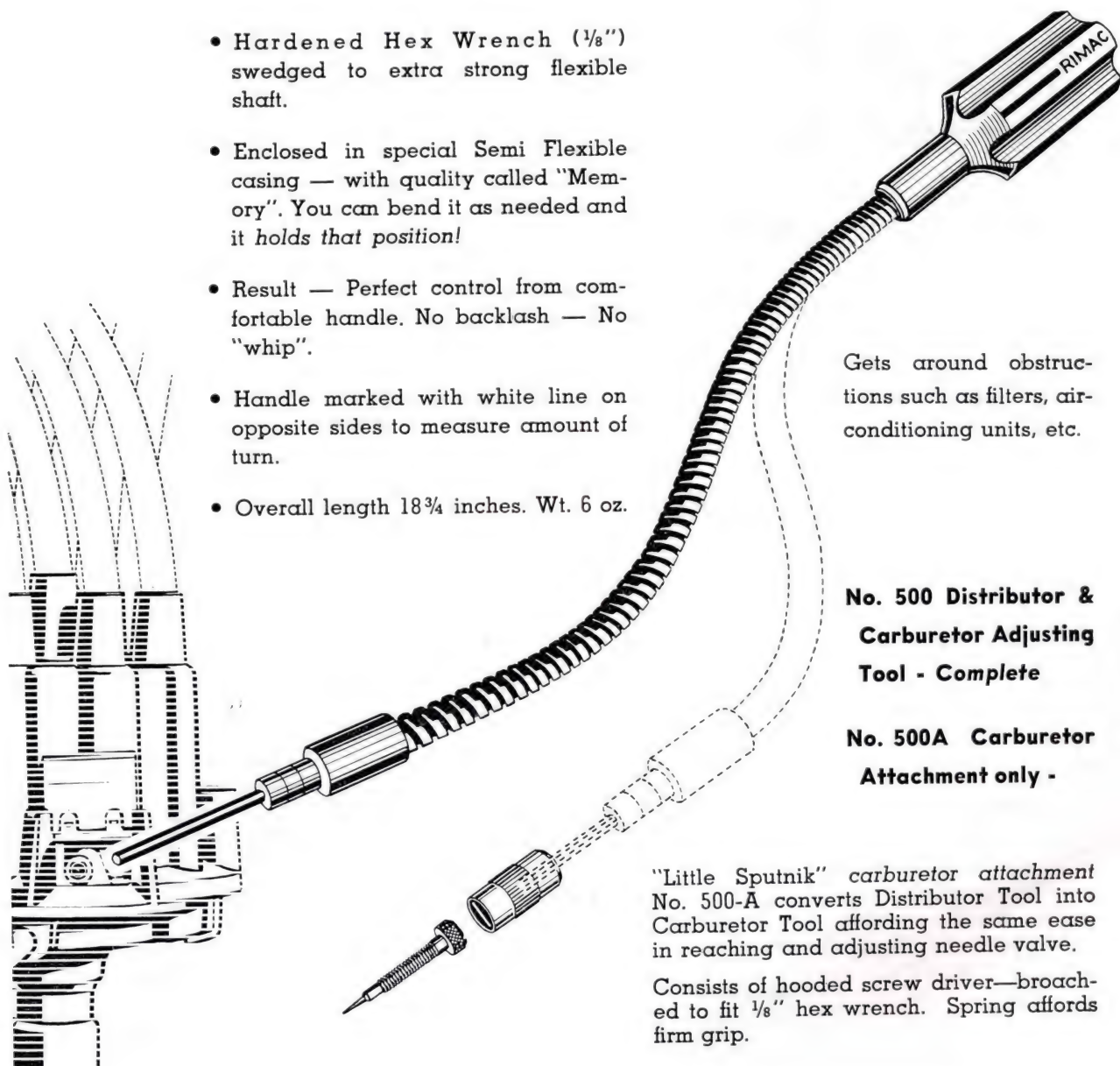
Cable Address: RIMAC, N. Y.

Rimac Distributor-Carburetor

Adjusting Tool No. 500

Easily reaches and adjusts contact points
(or needle valves) with engine running!

- Hardened Hex Wrench ($\frac{1}{8}$ "") swedged to extra strong flexible shaft.
- Enclosed in special Semi Flexible casing — with quality called "Memory". You can bend it as needed and it holds that position!
- Result — Perfect control from comfortable handle. No backlash — No "whip".
- Handle marked with white line on opposite sides to measure amount of turn.
- Overall length $18\frac{3}{4}$ inches. Wt. 6 oz.



Gets around obstructions such as filters, air-conditioning units, etc.

No. 500 Distributor & Carburetor Adjusting Tool - Complete

No. 500A Carburetor Attachment only -

"Little Sputnik" carburetor attachment No. 500-A converts Distributor Tool into Carburetor Tool affording the same ease in reaching and adjusting needle valve.

Consists of hooded screw driver—broached to fit $\frac{1}{8}$ " hex wrench. Spring affords firm grip.

RINCK-McILWAINE, Inc.

16 HUDSON STREET, NEW YORK, N. Y.

Cable Address: RIMAC, N. Y.

Rimac

"Ring-Master" Piston Ring Compressor

No. 220

Double Tension Bands Ratchet Control

Entire ring assembly is gently and firmly compressed into grooves until flush.

Ratchet control holds position with no slip back as piston is inserted into cylinder.

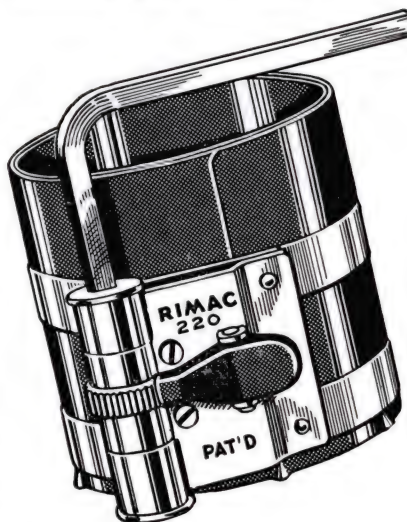
Beaded lower edge keeps tool from entering cylinder.

The outer tension bands are half inch wide of finest spring steel.

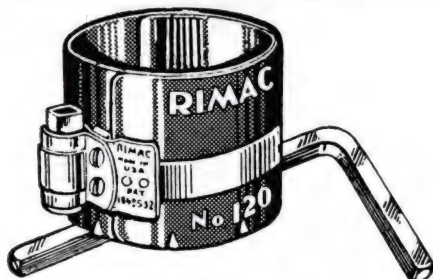
The ratchet pawl and fine teeth are hardened for long usage.

Square offset handle fits socket snugly and affords ample leverage.

Double friction brake adjustments in addition to ratchet.

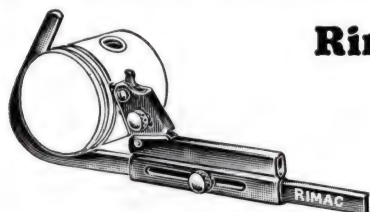


Single Band Compressors



No. 120 — Standard model takes all Rings from 2½" to 5" diameter. (All passenger cars and light trucks.) (Wt. 8 Oz.) Height 2½"

No. 120S — For small motors. Capacity 1½ to 3½. Height 1½". Briggs & Stratton. Lawn mowers. British motors. Air Compressors, etc.....Wt. 6 oz.



Ring Groove Cleaners

Removes carbon from grooves, all pistons from smallest to 6". Cutter blades 3/32", 1/8", 5/32", 3/16".

Does not chatter, gouge, catch in oil holes or slip out of grooves.

No. 122.....Wt. 10 oz.

No. 122-A — Cutter "wheel" only.....

FOR LATE MODELS

No. 122H—Same frame but with cutters 5/64, 5/64, 5/32, 3/16.

No. 122B—Cutter wheel only

Height now 3½" to take four ring pistons on Ford and Pontiac.

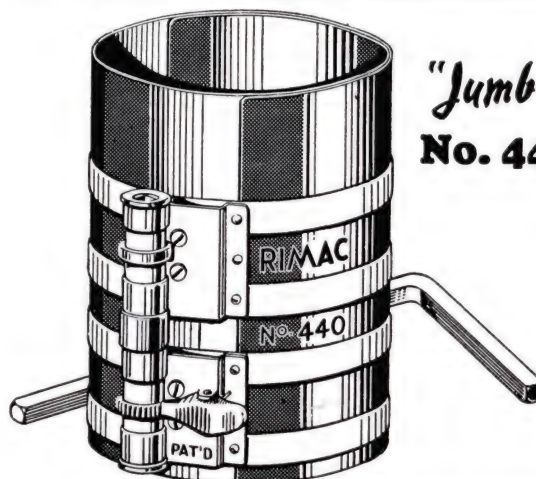
No. 220—Ring Master for cars and light trucks. Capacity 2½" to 5" Height 3½" Wt. 12 oz.

No. 220T—Ring Masters for tractors, large trucks and Diesels.

Same specifications as No. 220 except for 2" more capacity. Takes rings up to 7" diameter.

Capacity 3½" to 7" Height 3½"

*Can be supplied on special order for larger diameter pistons.



"Jumbo" No. 440

6½ INCHES HIGH! Four tension bands. Ratchet control. For Truck, Tractor and Diesel pistons having widely separated lower ring. Such as Mack, EE, F O D and F O M, certain models of Reo, Federal, White, Brockway, Autocar, International and others.

Capacity 3½" to 7" Height 6½" Wt. 1½ lbs.

No. 440

*Can be supplied on special order for larger diameter pistons.

RINCK-McILWAINE, Inc.

16 HUDSON STREET, NEW YORK, N. Y.

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Rimac

MECHANIC'S STETHOSCOPE

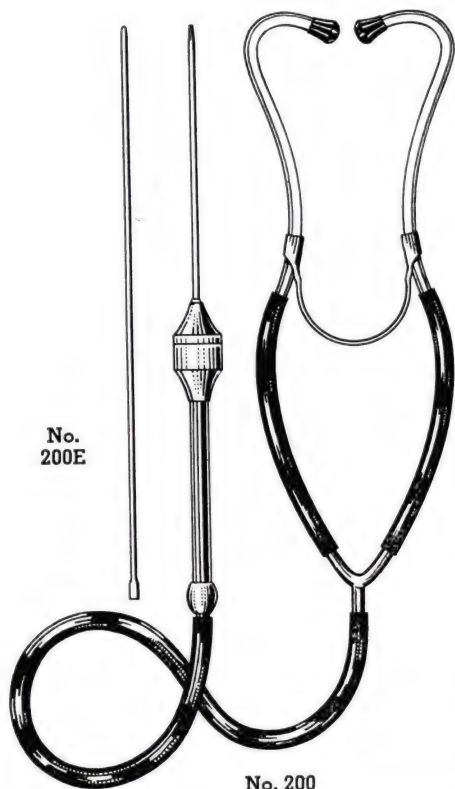
Combines all the science of a Doctor's instrument with the special needs of the garage mechanic. Enables you to quickly locate and analyze the troubles in engine and other moving parts.

With a little practice you can quickly locate and identify piston stop, faulty valves, pump failure, worn gears and bearings, frozen shackles, body squeaks. The plastic ear phones shut out outside noises, the needle probes the suspected areas and finds the spot where the abnormal noise is concentrated.

Plastic handle protects from shock. Diaphragm of spring steel. Needle is stainless steel. Other metal parts brass, chromium plated. Standard equipment six inch "needle" which is most convenient for most of the work, threaded to take a twelve inch extension for searching into more difficult spots.

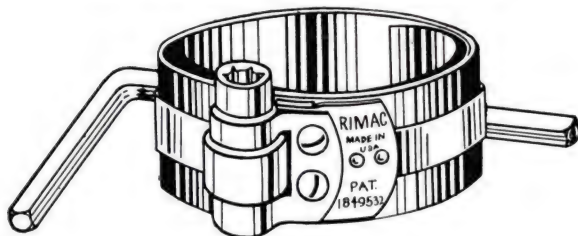
No. 200 with standard 6" needle

No. 200-E stainless steel extension 12"



"One Inch" Piston Ring Compressor

For late Chevrolets and others



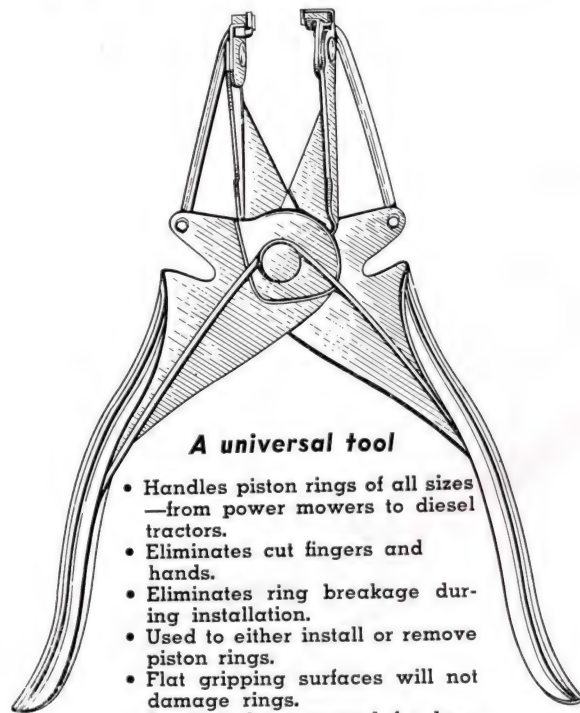
This new Piston Ring Compressor was developed for 55 and 56 Chevrolet V-8 engines. The compressor is narrow and will not extend down around piston skirt; yet its 1-inch band completely covers all rings at one time on these engines.

Will not form oval or egg shape around piston skirt. Beads around bottom keep compressor from entering cylinder. Can be used on many other new V-8 engines with cut-away piston skirts and closely grouped rings.

1 inch high compression band. Capacity 2½ to 5 inches dia.

No. 130

Piston Ring Expander



A universal tool

- Handles piston rings of all sizes—from power mowers to diesel tractors.
- Eliminates cut fingers and hands.
- Eliminates ring breakage during installation.
- Used to either install or remove piston rings.
- Flat gripping surfaces will not damage rings.
- Properly heat treated for long wear.

No. 121

RINCK-McILWAINE, Inc.

16 HUDSON STREET, NEW YORK, N. Y.

Cable Address: RIMAC, N. Y.

Rimac

COMBINATION GAUGE

For Fuel Pumps & Engines

Compression 0 to 6 lbs. Vacuum 0 to 30 in.

With the new, RIMAC, compact gauge you can check both vacuum and compression of fuel pump—analyze and locate weaknesses in record time, such as punctured diaphragm, leaky valves, or leaky gas lines.

You can check and analyze engine conditions by means of vacuum readings.

An outstanding feature of the RIMAC Combination Gauge is the convenient zero adjustment. Should the pointer not return to zero, you need not return it to the factory for repairs. It is simple to adjust. Remove the glass dial face, and turn recalibrator screw. This will not disturb the accuracy of readings.

No. 63Wt. 12 oz.....

Gauge size 2" dia. complete with 24" rubber hose, one tapered fitting, one 1/2 S.A.E. nipple, one 1/8 PT nipple and 1/8 to 1/4 PT bushing.



Compression Indicator No. 65

Range 0 to 200 lbs.

A sturdy dependable gauge to find exact compression within any cylinder.

Release valve is conveniently located under dial face.

Universal tapered plug fits any size of spark plug opening including 10 mm. Made of tough live rubber. Swivels to reach and fit all spark plug openings simplifying operation on motors with limited working room.

No. 65 ...Wt. 12 oz.....



No. 61

Same construction as No. 65 described above except tapered plug does not swivel.

4" shank

No. 61.....Wt. 12 oz.....

No. 69—Same gauge with 10 in. shank for late V8 motors.

No. 69E—10 in. shank only.



Compression Gauge Parts



No. 61B



No. 61C

Special construction. Do not use standard tire valve core as a replacement as it is 15 lbs. too stiff.

No. 61A—Tapered Plug

No. 61B—Release Valve

No. 61C—Check Valve.....

Vacuum Indicator

Range 0 to 30 in.

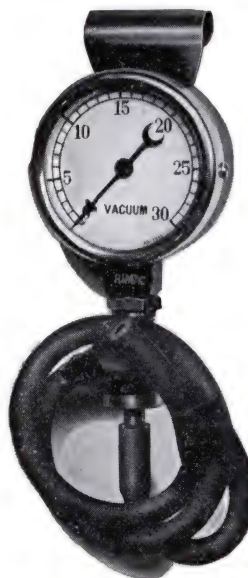
A simple, accurate vacuum gauge with sturdy shock proof indicating mechanism for routine testing of all types of gasoline engines, fuel lines, windshield wipers and vacuum power brake systems.

Finished in black enamel.

Convenient supporting hook and 20 in. live rubber hose.

(Wt. 8 Oz.)

No. 66



RINCK-McILWAINE, Inc.

16 HUDSON STREET, NEW YORK, N. Y.

Cable Address: RIMAC, N. Y.



Remote Starter Switch

For any engine having solenoid static switch

Shock-Proof. Durable. Four and half feet of heavy (14 gauge) wire insulated in tough oil and gas proof plastic. Rubber protection of large clip used at battery. Rubber switch cavity with hard rubber button. Switch easily disassembled for cleaning points.

Eliminates second man when testing compression, vacuum, fuel pumps, etc.

Starts engine from any position when adjusting bearings, tappets or setting ignition parts.

Invaluable in servicing automotive transmission, locating drain plugs of fluid couplings and torque converters.

On those engines where IT IS necessary to turn on ignition switch before starter will operate, leave ignition turned "OFF." Connect one lead of REMOTE STARTER SWITCH to ungrounded side of battery and the other lead to the ungrounded side of starter relay or solenoid.

On those engines where IT IS NOT necessary to turn on ignition switch to operate starter, connect one lead of REMOTE STARTER SWITCH to the switch side of the relay or solenoid and the other lead to ground.

No. 64.....12 Oz.....

SPARK PLUG FIRING TESTER

TESTING PLUGS

Press the nose of this tool against the spark plug wire. There is a concealed protected "needle" that makes contact with the neon bulb in the body.

Single brilliant flashes occurring each time the plug fires indicates ignition and voltage build-up is normal. (With resistor type plugs the single flashes will be of medium intensity.)

But if flashes are uneven as speed is increased there may be faulty breaker points or coil, condenser, or cable connections.

Weak flashes becoming intermittent as speed is increased indicates a fouled spark plug. Very weak flashing though uniform indicates complete fouling which prevents voltage build-up.

TESTING CABLE

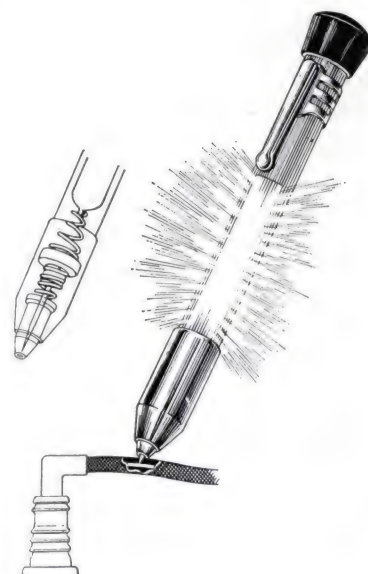
Without inserting needle move nose of tool along length of ignition cable. A very weak flashing is a normal condition but bright flashing at any point indicates faulty insulation at that point.

Weight 2 oz.

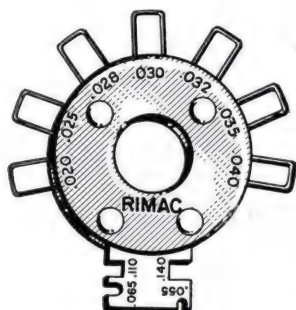
No. 16

No. 16A Replacement bulb only.....

Display Card Furnished on Request with Orders for 6 or More



SPARK PLUG ADJUSTING TOOL AND GAUGE



Wt. (12) 1 lb.

Adjusts and gauges accurately all types of spark plugs.

Seven Wire Sizes

.020 .025 .028 .030 .032 .035 .040

Four Adjusting Arm Sizes

.055 .065 .110 .140

Adjusting arm made of high carbon steel tempered—will not break. Outside body made of finest polished stainless steel.

No. 6

Furnished twelve on display card if requested.

Hood Jack

SELF-LOCKING TELESCOPE DESIGN



Just pull inside shaft to desired length. To release squeeze at holding point. Made of $\frac{5}{8}$ " aluminum tubing length collapsed 2 ft. Extension to 4 ft.

No. 8.....10 Oz.....

Pedal Jack



Same design but shorter. 14" collapsed. Extension to 26". For holding brake or gas pedal.

No. 7.....6 Oz.....

RINCK-McILWAINE, Inc.

16 HUDSON STREET, NEW YORK, N. Y.

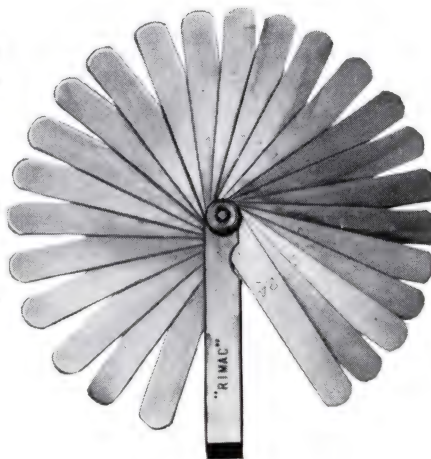
Cable Address: RIMAC, N. Y.

Rimac PRECISION THICKNESS GAUGES

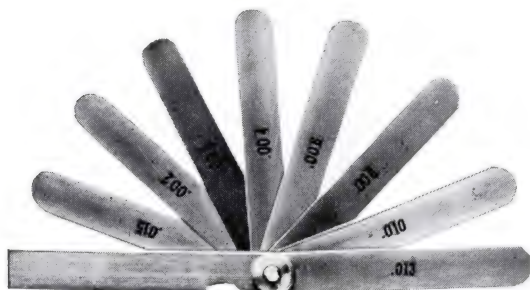
A "must" for every mechanic — The RIMAC thickness gauges. Made of the finest Swedish Steel, with electro-etched markings. Removable locknut for easy replacement of damaged blades.

No. 26 — 26 Blades $\frac{1}{2}$ " x $3\frac{1}{2}$ " Thicknesses increased by .001" from .002 through .025" plus two special blades, .0015, and .0025.

Price Wt. 3 oz.



No. 26



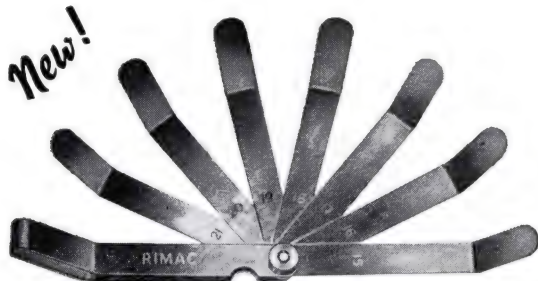
No. 26M

No. 26M — 9 Blades $\frac{1}{2}$ " x $3\frac{1}{2}$ " Thicknesses: .002, .003, .004, .005, .006, .008, .010, .013, .015".

Price

No. 26MB — Extra Blades $3\frac{1}{2}$ " length.

Price



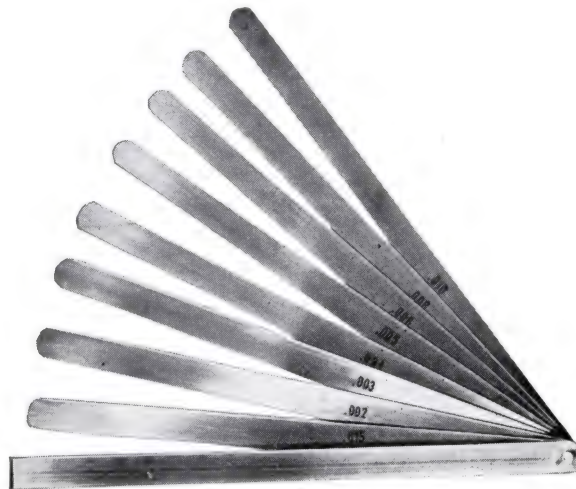
No. 25FF — with nine offset blades. .009, .015, .016, .017, .018, .019, .020, .021, .026.

No. 25FB — offset blades only.



No. 26R — Spark Plug Gap Gauge. In diameter of: .025, .027, .028, .030, .032, .035, .038 and .040", and bending tool.

Price Wt. 3 oz.



No. 26P

No. 26P — Piston Clearance Gauge. 8 Blades $\frac{1}{2}$ " x 9" Thickness: .002, .003, .004, .005, .006, .008, .010, .015".

Price Wt. 3 oz.

No. 26PB — Extra blades 9" length



No. 26ST — 12 in. Blade Stock, Sizes

Standard Packing for Jobbers — Ten Blades of a Size in Cellophane Envelope.

Wt. (10) 6 oz.

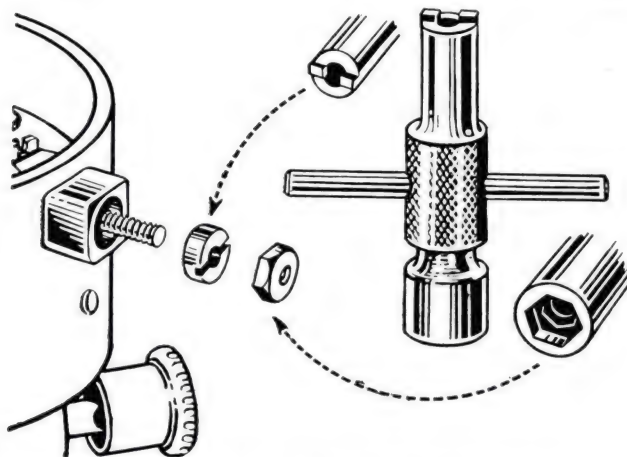
.0015 to .003
.004 to .020
.021 to .031

RINCK-McILWAINE, Inc.

16 HUDSON STREET, NEW YORK, N. Y.

Cable Address: RIMAC, N. Y.

Rimac



TWO-IN-ONE DISTRIBUTOR TOOL

No. 21

One end is a 11/32 "spin type" socket for removing or replacing the outside hex nut. The other end is round and fits the round slotted nut. Both ends hollow to allow for bolt clearance. Neat design. Convenient to handle. Well made typical Rimac Tool.

No. 21

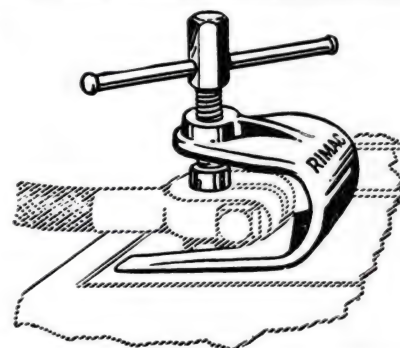
DISPLAY CARD FURNISHED ON REQUEST
WITH ORDERS FOR 6 OR MORE

BATTERY TERMINAL PULLER

A COMPACT TOOL — POSITIVE IN ACTION

Thin Drop Forged Jaws of alloy steel are inserted under terminal. A turn or two of the screw and it loosens up. Work in close quarters. Can be operated with one hand.

No. 22 Wt. 8 oz.



Tie Rod End Puller

One piece, drop forged wedge. Heat treated for severe usage. $\frac{5}{8}$ " opening $2\frac{1}{2}$ " deep. Spread up to $\frac{3}{4}$ ". Wt. $2\frac{1}{2}$ lbs. Length 16"

No. 35



BUSHING DRIVER SETS

No. 25—Handles all passenger car bushings and many tractor bushings. Set pictured here consists of sixteen collars ranging in size from 15/32 to 1 3/8. Made of high grade steel, accurately machined and carefully heat treated. Metal box.

No. 25 Wt. 4 1/2 lbs.

No. 25-T—For large trucks, road mending equipment, etc. Consists of one bushing driver and seven collars sizes 1-5/16 to 1-7/8. Metal box.

No. 25-T Wt. 5 1/2 lbs.



RINCK-McILWAINE, Inc.

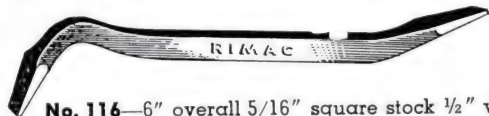
16 HUDSON STREET, NEW YORK, N. Y.

Cable Address: RIMAC, N. Y.

Rimac BRAKE SERVICE TOOLS

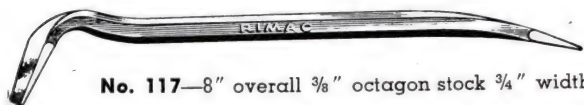
Brake Adjusting Tools

For adjusting all types of brakes. Blades shaped to avoid obstruction of shock absorbers, etc. Tapered for firm contact with star nuts.



No. 116—6" overall 5/16" square stock 1/2" width

Price.....Wt. (12) 3 oz.....



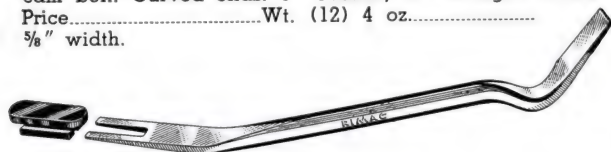
No. 117—8" overall 3/8" octagon stock 3/4" width

Price.....Wt. (12) 4 oz.....



Wt. (12) 4 oz.

No. 118—For Ford and others. Slotted to hold or adjust cam bolt. Curved ends. 9" overall, 3/8" octagon stock, Price.....Wt. (12) 4 oz.....
3/8" width.



No. 119—For late model Bendix brakes. Pronged end removes plug from adjustment opening and holds it for quick replacement. 8" overall.
Wt. 4 oz.

Brake Spring Plier



No. 18—Brake Spring Pliers, for passenger cars and light trucks. Hammer forged. Strong, sturdy, efficient. Overall length 13 1/4", weight 1 lb.

No. 18T—Truck size. Heavy duty. Length 19" overall. Weight 2 1/2 pounds.

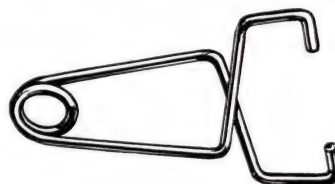
Brake Spring Lock Cap Remover



Just press down on the Spring Lock Cap and make half-turn. Knurled circular end grips cap. Ample vision provided. Plastic handle. This tool replaces former No. 87.

No. 87-S.....Wt. 4 oz.

Hydraulic Brake Clips



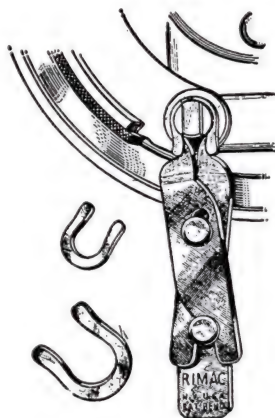
For all cars and trucks having double end pistons. Just squeeze the clip and let it snap into the cylinder before shoes are removed. Tension in clip holds pistons in position preventing oil leakage or accidental displacement of parts.

No. 34 (set of 4 clips)Wt. 1 lb.....

Horseshoe Key Remover

No. 661

FOR BRAKE SHOE ANCHOR STUDS



A few sharp taps at base of tool quickly loosens up lock key.

Special design keeps jaws parallel in firm positive grip. No slipping. Does not damage or distort. Key can be used over again.

Especially important to mechanics working on Dodge, DeSoto, Plymouth and Chrysler brakes.

No. 661.....Wt. 6 oz.....

Brake Spring Tool



No. 89—For Bendix

and others having springs hooked onto pin. Socket end is slipped over post and turned to receive spring into grooved lip. Tool then lifted off of spring. Handle end has hook for drawing spring back over pin.

No. 89

RINCK-McILWAINE, Inc.

16 HUDSON STREET, NEW YORK, N. Y.

Cable Address: RIMAC, N. Y.

Rimac Brake Service Tools (CONTINUED)

One Man Brake Bleeder



This tool enables one man to bleed brakes all by himself. It takes the place of the extra hand who would have to sit in the car and press the pedal while you performed this job of bleeding on the entire system. The extension shaft is spring mounted extending a strong, steady pressure as air or fluid is vented.

No. 100—One Man Brake Bleeder Tool



HAND BRAKE ADJUSTING TOOL



for CHRYSLER — DODGE
DeSOTO

Tool hooks over splined adjusting nut. Works in either direction for tightening or loosening.

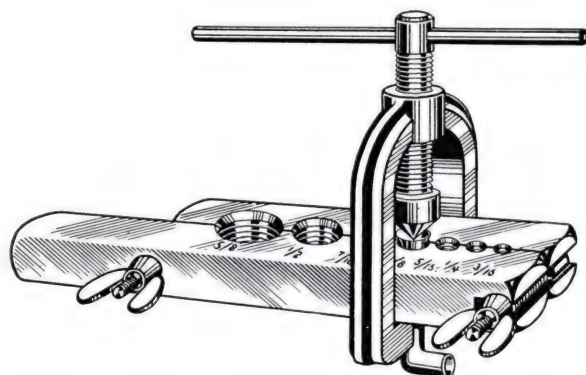
No. 115

Chrysler Power Brake Spring Tool

This revised tool is a "must" for removing or replacing Chrysler power brake return springs. These are so located that the common brake spring plier cannot be applied at all! A quick turn of the wrist twists the spring end out of its opening. The long tapered handle is a great help in replacing.

This tool handles all other Chrysler, De Soto, Plymouth, Dodge return springs equally well.

No. 86-S



FLARING TOOL No. 37

Takes sizes 3/16, 1/4, 5/16, 3/8, 7/16, 1/2 and 5/8 inch.

Openings in holder serrated to afford firm grip on tubing without distortion.

The spinning action of the expander produces a true uniform flare.

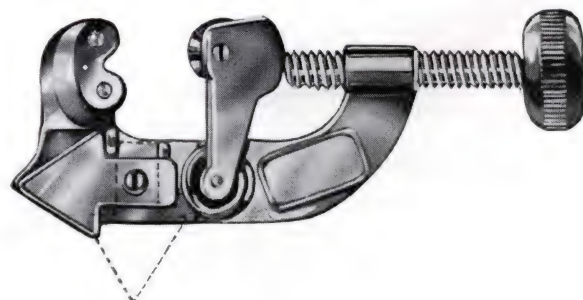
No. 37 Wt. 2 1/4 lbs.....

TUBE CUTTER

A compact light weight tool. Easily adjusted. Replaceable hardened cutting wheel.

No. 38—Tube Cutter.....Wt. 12 oz.....

No. 38C—Wheel Cutter only



RINCK-McILWAINE, Inc.

16 HUDSON STREET, NEW YORK, N. Y.

Cable Address: RIMAC, N. Y.

Rimac



Picker - Outer

For bits of glass, rubber: cotter pins, wire.
Hammer Forged Steel — Plastic Handle.
Overall length, 7" Wt. 4 oz.

No. 14



Upholstery Bar — Nail Puller

Thin blades with smooth curved heel for removing without damage base shoes, mouldings, casings and panel strips. Alloy steel tempered, polished and plated. Light weight. (5 oz.) 12" length.

No. 13

"Big FLAT" SCRAPERS

ESPECIALLY good for gasket work, cleaning cylinder head, transmission manifold surfaces of carbon, old cement, etc.



One inch wide blade eight inches long with comfortable viscaloid handle. Hammer forged of alloy steel. Keeps its edge.

Wt. 8 oz.

No. 107

FLEXIBLE

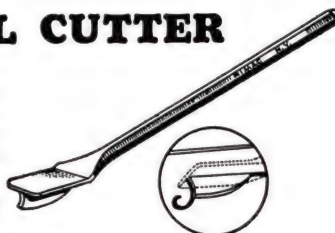


For general utility. Ten oil tempered spring steel wire blades sharpened to knife edge. Flexibility controlled by sliding steel band. Length 9".

No. 106 Wt. 5 oz.

PANEL CUTTER

Offset Projection top rides on panel preventing slipping while "curl cut" cutter removes a thin slice of metal. Easily guided. Turns in short radius. $\frac{3}{8} \times 10"$.



No. 11 Wt. 6 oz.

TACK LIFTER

Hammer forged wide jaws for lifting upholstery quickly and safely. Comfortable Amber plastic handle. Overall length 7".



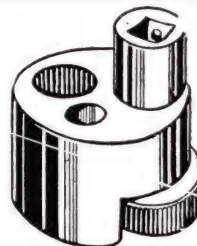
No. 12 Wt. 5 Oz.

STUD WRENCH

COMPACT — POWERFUL

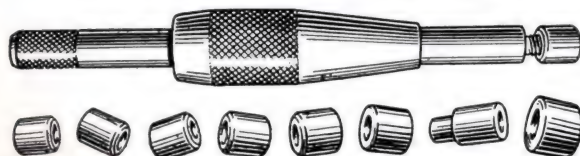
Takes all studs from $\frac{1}{4}"$ to $\frac{3}{4}"$ diameter.

Deeply knurled roller, solid steel housing.



No. 57 Wt. 1 $\frac{1}{4}$ lbs.

Clutch Aligning Tool



The clutch disc and pressure plate must be centralized and in perfect alignment with the pilot bearing in the flywheel to assure perfect performance. Therefore, it is very essential that proper pilots are used when assembling the clutch — pilots which are machined true and heat treated to assure long service. ONE tool— Nine pilots providing diameters from .375" to .984".

No. 29 Wt. 2 $\frac{1}{4}$ lbs.

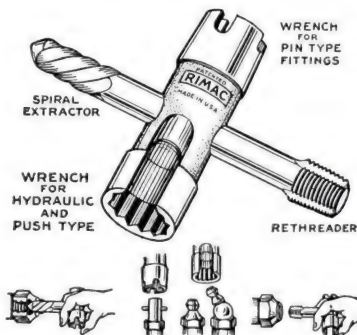
RINCK-McILWAINE, Inc.

16 HUDSON STREET, NEW YORK, N. Y.

Cable Address: RIMAC, N. Y.

Rimac

GREASE FITTINGS TOOLS

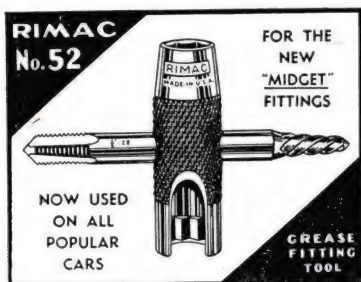


With this one tool you can **TIGHTEN EVERY FITTING GREASE-TIGHT** — REMOVE any Fitting to clean a plugged hole — REMOVE broken off fittings — **RETHREAD** crossed or mashed threads.

A five-purpose tool, indispensable to mechanics in garages and grease service stations and very welcome to many a car owner. Made of High Grade Steel fully guaranteed.

No. 51 Wt. 3 oz.

FOR MIDGET FITTINGS



Correctly proportioned for the new series $\frac{1}{4}$ x 28 thread now used on Ford, Chevrolet, Plymouth and other cars. Socket openings $\frac{5}{16}$ and $\frac{3}{8}$ take both straight and offset. Spiral Extractor. Rethreader.

No. 52 Wt. 2 oz.

Patented July 12, 1932, No. 1867372

TUBE ROUGHENER



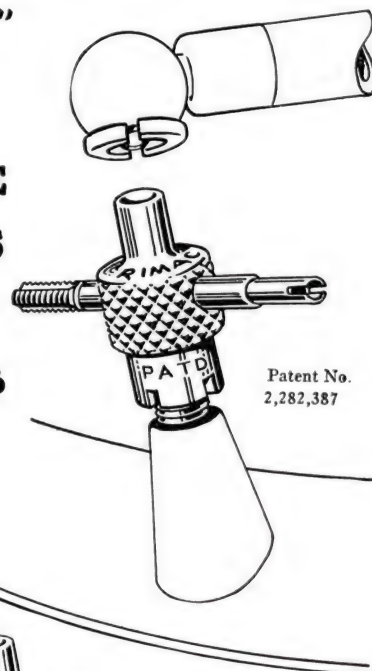
Quickly roughens surface insuring firm hold for patch. Also ideal tool for cleaning files.

B85 Wt. 2 oz.

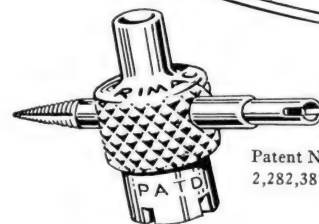
"Air-In"

TIRE VALVE TOOLS

No. 43



Patent No. 2,282,387



Patent No. 2,282,387

No. 44

A new and interesting feature of the well known "four way" tire. Valve tool is the Air Nozzle incorporated into Rimac No. 43 and 44 illustrated below.

Every tire repair man will appreciate how this will save him trouble. The tool holds the valve securely in position ready for inflation with no fear of its slipping back into the shoe. Eliminates fishing.

No. 43, above, combines air nozzle with valve inside re-threader and non-breaking valve core wrench.

No. 44, combines air nozzle with broken core extractor and the same alloy steel core wrench.

No. 44

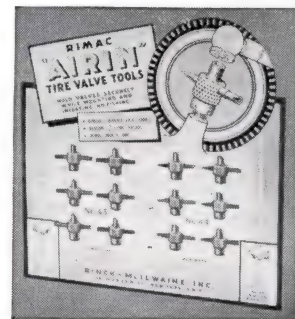
Display

Showing

6 Each of

No. 43 and 44

Wt. $1\frac{1}{4}$ lbs.



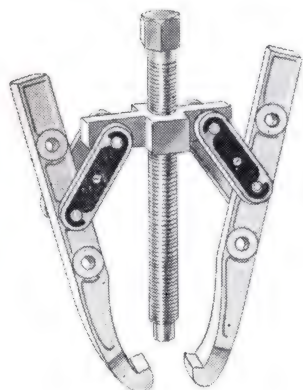
RINCK-McILWAINE, Inc.

16 HUDSON STREET, NEW YORK, N. Y.

Cable Address: RIMAC, N. Y.

Rimac

Quick Change GEAR PULLERS

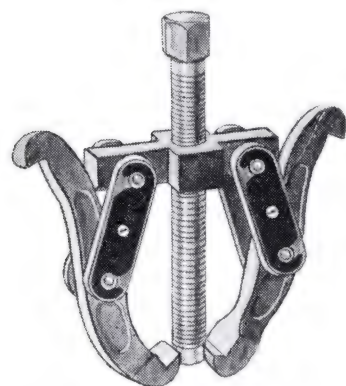


A flick of a finger quickly unlocks the links between jaw and frame so you can adjust for length or reverse.

Jaws forged from alloy steel. Cadmium plated. Two types — adjustable — reversible.

Adjustable Jaws

	Maximum Reach	Maximum Spread	Forcing Screw	Wt.
No. 145	0-4"	3 1/4"	3/8x4 1/4"	1 lb.
No. 146	0-10"	9"	3/4x8-5/16"	5 lb.



Reversible Jaws

No. 147	0-6"	3 3/8"	5/8x6"	2 lb.
*No. 148	0-8"	5 1/2"	3/4x8-5/16"	4 1/2 lb.

*No. 148 has slotted hooks at one end for hooking onto cap screws when gears or other parts have tapped openings.

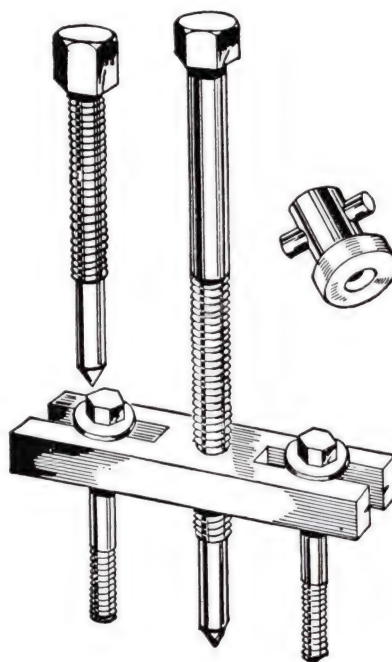
Harmonic Balancer Puller and Driver

No. 189

Here is a tool needed by all Chevrolet mechanics. The long hardened center screw (11"), enables the operator to pull the balancer without removing the motor from the chassis. The two heat-treated hex screws are threaded back far enough to insure a firm grip when the pulling operation begins. The 4" long body enables the tool to handle the majority of all Chevrolet cars and trucks. The smaller center screw is provided for late model cars. Each kit is equipped with a driver to replace the Harmonic Balancer. Cadmium plated.

Shipping Weight—2 3/4 lbs.

No. 189



RINCK-McILWAINE, Inc.

16 HUDSON STREET, NEW YORK, N. Y.

Cable Address: RIMAC, N. Y.



Generator Pulley Puller

Combination shock and pressure puller—takes pulley off in seconds without distortion.

Generator pulleys are frail, and steady pressure in an Arbor Press will bend them. But NOT with this tool! Its pressure screw is NOT threaded into the puller—thus you can shock the assembly with a minimum amount of applied pressure.

Designed for PERMANENT wall mounting!

Minimum closing 2 inches

Maximum opening 4 3/4 inches

No. 143Wt. 5 1/2 lb.....

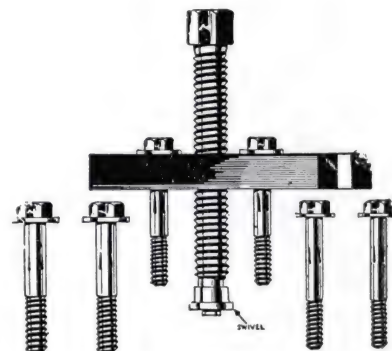
Steering Wheel Puller

Will remove steering wheels on the majority of cars where the wheel is held by two cap screws and lock nut, such as Ford, Mercury, Lincoln, Chevrolet, Oldsmobile, Dodge, Pontiac, Plymouth, etc. Three sets of hardened side screws: 5/16"-18 (2 3/4" long), 5/16"-24 (2 1/2" long), and 3/8"-16 (2 3/4" long). Cadmium plated. Individually packaged.

INSTRUCTIONS: Remove the two cap screws on the steering wheel. Turn the lock nut several times, so that it is almost out of the tube. Place the swivel on the top of the nut, and respective side screws in the two side holes. The usual pulling operation is then performed.

Shipping Weight—2 1/4 lbs.

No. 187



Timing Gear Puller

Here is a very handy tool for pulling timing gears, and all other gears that have tapped holes. The sliding jaws enable the tool to handle gears of all widths, and, for extra service, the 6 1/2" side screws are machined to take care of the most used thread sizes: 3/8x16 and 5/16x18. Thus it's a combination tool for pulling fan pulleys, cam gears, timing gears, and other gears with tapped holes. Cadmium plated. Individually packaged.

SPECIFICATIONS

Length of Body.....	6 1/2"
Length of Center Screw.....	6 1/2"
Length of Side Screws.....	6 1/2"

Shipping Weight—2 3/4 lbs.

No. 101



RINCK-McILWAINE, Inc.

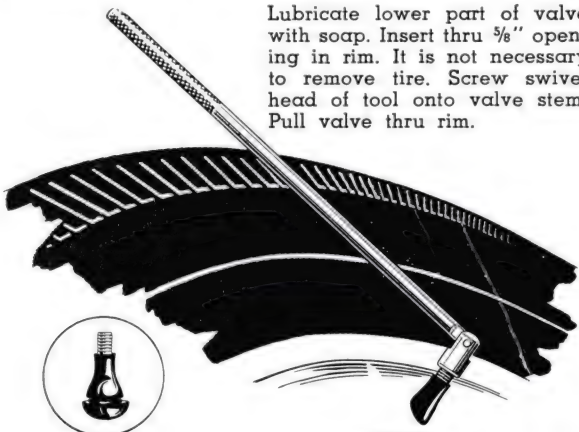
16 HUDSON STREET, NEW YORK, N. Y.

Cable Address: RIMAC, N. Y.

Tubeless Tire Valve Mounting Tool

For applying rubber covered "Snap-in" tubeless tire valves. Swivel head threaded to fit standard valve. Twelve inch extension handle affords ample leverage.

Lubricate lower part of valve with soap. Insert thru $\frac{5}{8}$ " opening in rim. It is not necessary to remove tire. Screw swivel head of tool onto valve stem. Pull valve thru rim.



No. 45.....Wt. 8 Oz.....

Wheel Balancer Plier & Hammer



A combination of pliers, hammer, anvil and chisel. Ideal for inserting and removing wheel balancing weights.

Overall length 9 inches — Weight 1 pound.

No. 23

"Universal" Door and Regulator Handle Remover

This handy tool removes the cross pin in the door or regulator handle. The one end, with the offset pin, works on Fords from 1950 on.

The other clevis works on Mercury, Chrysler, Plymouth, Dodge, Hudson, etc. The attachment shown in the drawing, is for the General Motors Cars. Cadmium plated. Individually packaged.

$\frac{1}{4}$ lb.

No. 84-S

Wire Hose Clamp Plier



Takes all sizes of wire spring type (Corbin) hose clamps. Carefully formed jaws afford positive grip. Ample leverage furnished by 9" over-all length.

Jaws notched to hold clamp straight on, as illustrated above, or at right angles.

No. 19

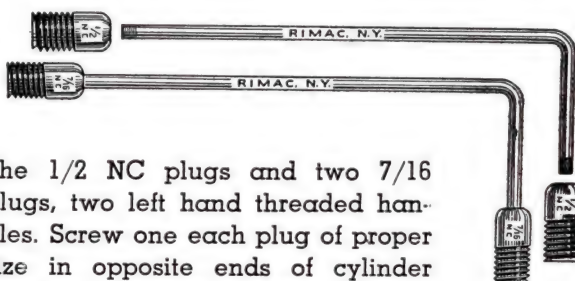
Adjustable Valve Guide Cleaners

(Used with Electric Drills)



No.	Guide Hole Range	Price
D 40	1/4 to 9/32	.....
D 50	5/16 to 7/16	.....
D 70	7/16 to 9/16	.....
D 90	9/16 to 3/4	.....
D 110	11/16 to 13/16	.....
D 135	31/32 to 15/32 Ford 85; 95	.....

Gasket and Cylinder Head Locator Set



The 1/2 NC plugs and two 7/16 plugs, two left hand threaded handles. Screw one each plug of proper size in opposite ends of cylinder block. Apply gasket and head. Then screw in a few head bolts and remove the plugs using left hand threaded handle.

No. 20 Set.....Wt. 6 Oz.....

RINCK-McILWAINE, Inc.

16 HUDSON STREET, NEW YORK, N. Y.

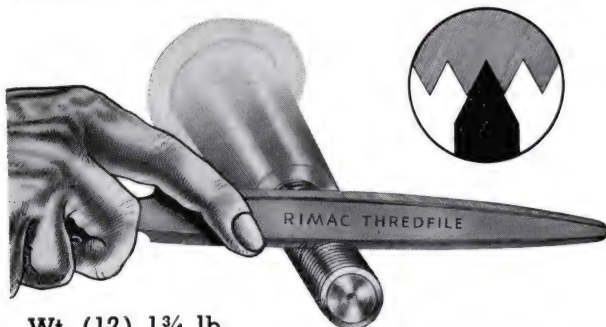
Cable Address: RIMAC, N. Y.

Rimac

Universal Thread Restoring Tool No. 39

For cleaning mashed threads of all sizes and types. For relieving oversized threads that fit too tight.

All standard American threads U.S.S. and S.A.E.—all diameters—have the same angle 60°. This file takes them all.



Wt. (12) 1 3/4 lb.

SLIDE HAMMER "THE SLUGGER-OUTER!"

You will find this tool as useful as your hammer, often more so.

For quickly removing:

Gears	Axles
Bushings	Bearings
Retainers	Cups



Overall length 23 in.
Weight 5 lbs.
Hammer Wt. 2 lbs.
Diameter Slide Bar 5/8 in.

No. 59 Complete with one Jaw
No. 59-A Single Jaw only

POCKET MAGNET



A strong all purpose magnet that clips into the pocket like a pencil. Six inches long. Useful in retrieving nuts, bolts, screws, cotter pins and other small objects that have fallen into hard to reach places.

No. 83

Display card of 12 furnished on request

TUBE BENDERS



For bending gas and oil lines by hand without kinking or collapsing tube.

No.	Tube Size	Price
160	1/4"	.....
161	5/16"	.....
162	3/8"	.....
163 SET		.....

Consisting of one each of above 3 sizes handles most all automotive tubing. Two larger sizes available.

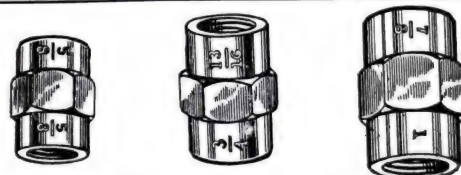
No.	Tube Size	Price
164	1/2"	.....
165	5/8"	.....



Attachment for Pulling Sticky Valves

Fork slips under valve head. A sharp light rap lifts valve.

No. 59-B

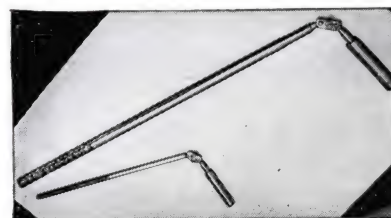


Bushings for Pulling Axles

Threaded 5/8" in center to fit Slide Hammer Bar.

No. 59-C—3/8"	.....
No. 59-D—3/4" and 13/16"	.....
No. 59-E—7/8" and 1"	.....
No. 59F—Set of three Bushings taking five sizes of axles for all popular cars and light trucks.....	.....
No. 59H—Special 3/4x20 for Hudson.....	.....

Magnetic Pick-up Tools



Double Jointed "Finger" with powerful magnetic end. Reaches under and around. Retrieves spare parts, tools, nuts, etc.

No. 81 Wt. 8 oz.....

With Extension Handle — Overall length 26"

No. 82—"Junior" 8" Handle..... Wt. 2 oz.....

RINCK-McILWAINE, Inc.

16 HUDSON STREET, NEW YORK, N. Y.

Cable Address: RIMAC, N. Y.

Rimac

14-INCH BODY FILE

MILLED
CURVED
TOOTH



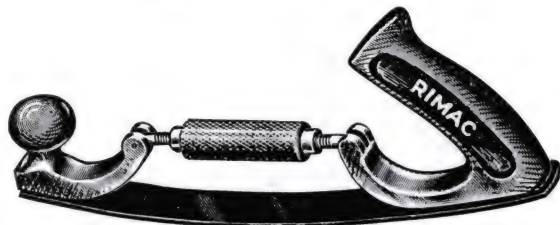
F14—File Blade Only.....Wt. (6) 4 lbs.
H14—Hardwood Handle Only.....Wt. 1 lb.
FH14—File and Handle.....Wt. 1 1/2 lbs.

Special Offer — Set No. FH-146

For limited period of time, subject to withdrawal without notice, we are prepared to supply to file users—with each order for 6 file blades F-14, one SMOOTH-GRIP HOLDER at less than manufacturing cost.

6 File Blades—F14, each.....
1 Holder—H-14

ADJUSTABLE FLEXIBLE FILE HOLDER



All Aluminum—Light Weight

Can be used on 12" or 14" Flexible Files and is easily adjusted for curving the file either outward (convex) or inward (concave).

No. 300.....Wt. 2 1/2 lbs.....

"REDSKIN" VALVE GRINDERS



Famous Rubber "Sucker" of moulded rubber takes firm grip on valve head whether flush topped as with Ford or slotted or indented.

Handle specially designed for comfortable hold. Permits two "speeds" on stroke lengths.

No. 58—1 3/8" Diameter base.....

"REDSKIN" SUCTION CUPS

Slotted at top to take Screw Driver for Handle.

No. 48—1 3/8" Diameter base.....

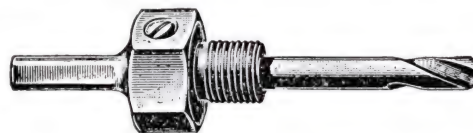
HIGH SPEED HOLE SAWS



Diam.	Use Mandrel	Diam.	Use Mandrel
5/8"	505 or 540	2 1/8"	541
3/4"	505 or 540	2 1/4"	541
7/8"	505 or 540	2 3/8"	541
1"	505 or 540	2 1/2"	541
1 1/8"	505 or 540	2 5/8"	541
1 1/4"	505 or 540	2 3/4"	541
1 3/8"	540	2 7/8"	541
1 1/2"	540	3"	541
1 5/8"	541	3 1/8"	541
1 3/4"	541	3 1/4"	541
1 7/8"	541	3 3/8"	541
2"	541	3 1/2"	541

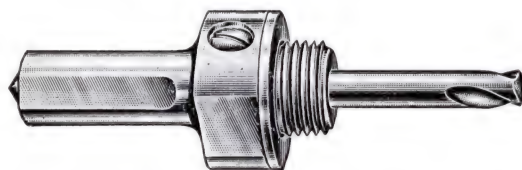
ORDER BY DIAMETER SIZE

MANDRELS WITH 1/4" PILOT DRILLS



No. 505 used with 1/4" (or larger) Electric Drills.
Threaded 1/2 x 20.....

Takes Saws from 5/8" to 1 1/4" diameter inclusive.



No. 540 used with 1/2" (or larger) Electric Drills.
Threaded 1/2 x 20.....

Takes saws from 5/8" to 1 1/2" diameter inclusive.

No. 541 used with 1/2" (or larger) Electric Drills.
Threaded 5/8 x 18.....

Takes saws from 1 5/8" to 3 1/2" diameter inclusive.

1/4" PILOT DRILLS ONLY

No. 506—(For Mandrel 505).....

No. 542—(For Mandrel 540 and 541).....

RINCK-McILWAINE, Inc.

16 HUDSON STREET, NEW YORK, N. Y.

Rimac

Hand Operated Armature Undercutter

IT'S DIFFERENT—uses a new method of undercutting.

FAST—no need to disassemble pulley.

ALWAYS HANDY—can be hung up in tool room after use.

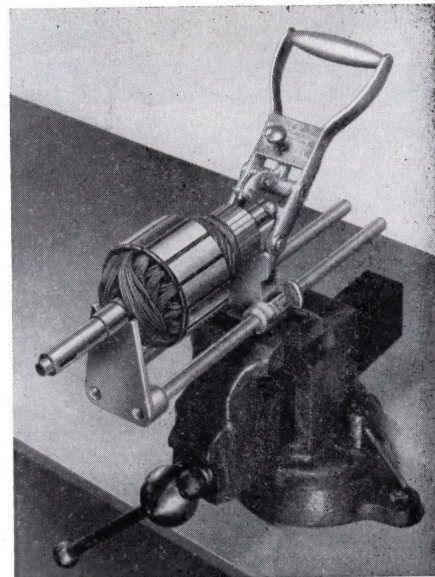
One of our **BIG FEATURES** is that we cut the mica different from any other machine we know of, including electric rotary types. The cutters are milled in **REVERSE**—cutting is done on the way off the armature. This stops the packing of copper chips into corners, thereby eliminating short circuits between segments. You will find this to be the **FASTEST, FINEST, AND MOST ACCURATE** undercutter on the market **REGARDLESS OF PRICE!**

Furnished complete with two extra cutters and instruction sheet.

Wt. 2¾ lbs.

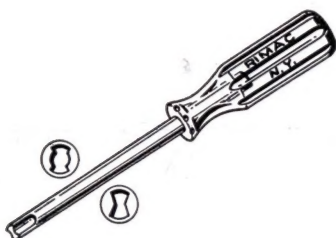
No. 112 ARMATURE UNDERCUTTER

No. 112-A Extra Cutter



"Butter Fly" Screw Drivers

RECOMMENDED FOR SERVICE WORK



Takes both old and new type recessed head screws. Alloy steel blades. Plastic handles.

No.	Clutch Size	Blade Length	Wt (12)	Price
BF5	5/32	3¼"		-----
BF6	3/16	4"	1½ lbs.	-----
BF8	1/4	4½"	1½ lbs.	-----
BF10	5/16	5"	2½ lbs.	-----
SBF8	1/4	1½"	3 lbs.	-----

EMERY WHEEL DRESSER

Keep your grinding wheels clean, sharp and true with this handy tool.



Quickly removes high spots, roughness, or packed in carbon or metal.

Overall length, 8 in.
Cutter width, ½ in.
Weight, 10 Oz.

No. 27-A—Cutters Only, Set.....
No. 27

RINCK-McILWAINE, Inc.

16 HUDSON STREET, NEW YORK, N. Y.

Cable Address: RIMAC, N. Y.

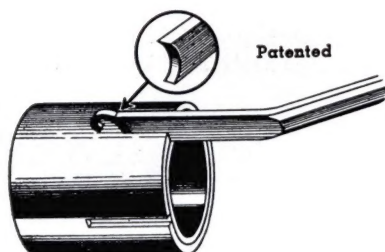
PAGE 27

Rimac

"MAKES THAT TOUGH
JOB EASY AS PEELING
A BANANA!"

MUFFLER CHISEL

The novel design of cutting edges on this and other chisels shown on this page makes it effective with comparatively light hammer blows. A decided advantage on jobs where the operation is not supported for heavy driving.



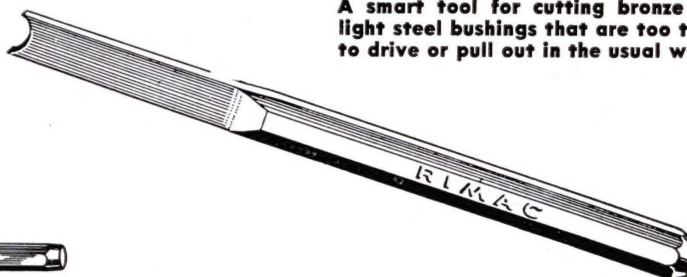
ALL RIMAC CHISELS are hammer forged of high alloy steel. Heat treated expertly for toughness, strength and hardness.

No. 10 — Length 10", Stock 1/2" Wt. 8 oz.

The illustration below shows how to quickly remove those troublesome Ford Shackle Bushings. The novel curved cutting end quickly carves a groove down its length. It works equally well on piston con rod, spindle, and other soft bushings.

BUSHING CUTTER

A smart tool for cutting bronze or light steel bushings that are too thin to drive or pull out in the usual way.



No. 662—Length 7 1/2", Stock 1/2" Wt. 6 oz.

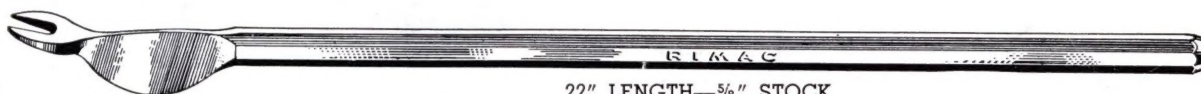
MIDGET BUSHING CUTTER

Especially useful for removing starter and generator bushings.



No. 663—Length 4 1/2", Stock 1/4" Wt. 2 oz.

FORD V-8 VALVE LIFTER



22" LENGTH—3/8" STOCK

Hammer forged of high alloy steel. The generous length supplies full leverage. The craftsmanship used for forming of the inserting end insures against breakage at point of strain.

No. 114—Wt. 2 1/4 lbs.

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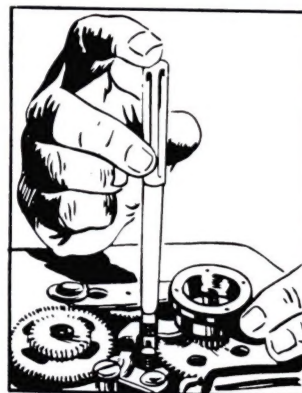
Rimac

Startzit Screw Starter

The handy RIMAC Screw Starter is your solution to fumbling with short screws in tight places! Useful for starting or removing all size screws in awkward, inaccessible places, without interfering claws. Firmly grips the screw inside the screw slot . . . releases automatically and re-sets as screw is tightened.

The RIMAC Screw Starter, consists of an adjustable metal unit for gripping the screw, press-fitted into a handle of molded nylon or aluminum. A spring action makes it easy to grip or release the screw with a twist of the fingers.

Display Cards available on request.
For A series — 4 each A-2, A-5, A-9
For N series — 1 each N-2, N-6, N-9



Licensed under Pat. No. 2150134

ALUMINUM

A2	2 1/2"
A5	5"
A9	9"

NYLON — (non-conductor)

N2	2 1/2"
N6	6"
N9	9"

(special sizes on request)

MECHANICAL FINGERS

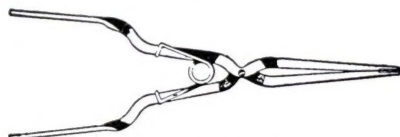


For starting screws and bolts in places too small to permit hand to hold. For picking-up small parts, washers, nuts, screws, dropped into machinery in places where the hand cannot reach. Releasing pressure makes jaws grip the object securely. Two strong steel jaws emerge from the end when you press the head. Spread up to 1" in diameter.

THROW

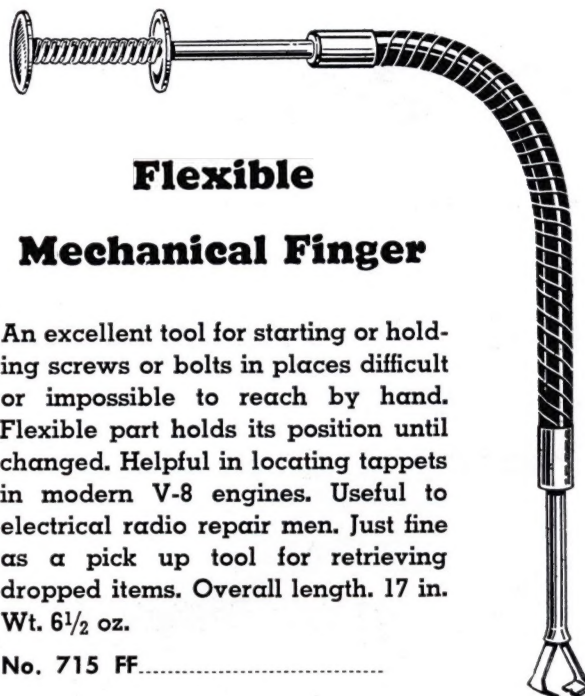
4"	No. 604
6"	No. 606
8"	No. 608
10"	No. 610
12"	No. 612

THIN NOSE PLIERS



For holding valve keys, horse shoes, Pins, Ignition Points, Small Nuts and Screws. Useful in soldering work, handy for assembly work, on distributors, speedometers and carburetors. Holds any small object firmly until you release by squeezing handles.

No. 151	Straight Nose
No. 152	Curved Nose



Flexible

Mechanical Finger

An excellent tool for starting or holding screws or bolts in places difficult or impossible to reach by hand. Flexible part holds its position until changed. Helpful in locating tappets in modern V-8 engines. Useful to electrical radio repair men. Just fine as a pick up tool for retrieving dropped items. Overall length. 17 in. Wt. 6 1/2 oz.

No. 715 FF

RINCK-McILWAINE, Inc.

16 HUDSON STREET, NEW YORK, N. Y.

Cable Address: RIMAC, N. Y.

Rimac

Muffler and Tail Pipe Cutter

For work in close quarters or at bench. Four sharp sturdy cutters make contact. Centered handle allows fullest possible swing.

Adjustable from 1 1/4" to 2 1/2" to take all popular passenger cars and light truck needs.

Aluminum cast frame. Light weight 1 lb. 4 oz., but strong.

No. 800

No. 800A

—Extra Cutter Wheel only.....



Spring Tester

For Valve Springs

For Clutch Springs

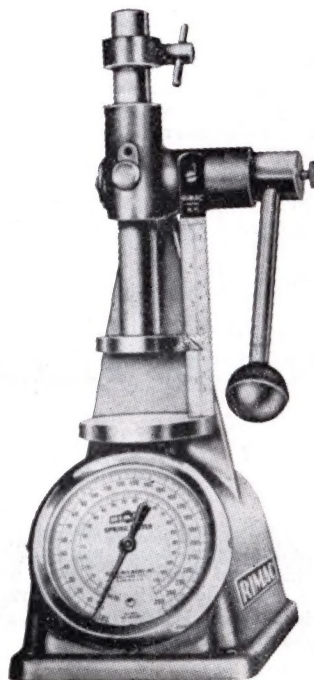
Rimac Spring Testers are used extensively in factory production lines and are recommended for service and overhaul operations by leading producers of airplane motors, automobiles, trucks, tractors and farm implements.

Dial reads in pound units up to 250. Two color etched metal scale at side indicates exact length of spring under test. An adjustable stop is included for quick testing of an entire lot of springs for any one job.

Capacity: Any spring up to 2 inches diameter, 4 1/2 inches length; maximum tension 250 pounds. Dial readings in both pounds and kilograms.

Shipping Weight 32 lbs.

No. 67 Spring Tester



RINCK-McILWAINE, Inc.

16 HUDSON STREET, NEW YORK, N. Y.

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